

Journal of Mathematical Analysis and Applications

DIVISION EDITORS

GEORGE BLUMAN

*University of British Columbia**
Differential equations

H.W. BROER

*Department of Mathematics and Computing Science
University of Groningen*
Nonlinear dynamical systems
Bifurcation theory
KAM theory
Applications to mechanics (celestial,
semi-classical quantum), mathematical physics,
life sciences, meteorology

RAUL CURTO

*University of Iowa**
Single and multivariable operator theory
 C^* -algebras
Classical theory of moments

HÉLÈNE FRANKOWSKA

CREA École Polytechnique
Set-valued, nonsmooth, convex and nonlinear analysis
Viability theory
Differential inclusions, control problems, and
differential games with state constraints
Regulation of systems evolving under
nonstochastic uncertainty

MARIO MILMAN

*Florida Atlantic University**
Harmonic analysis
Function spaces

ULRICH STADTMUELLER

*Abteilung Mathematik III
University of Ulm*
Probability
Statistics
Classical analysis

ASSOCIATE EDITORS

RAVI P. AGARWAL

*Florida Institute of Technology**
Difference equations
Inequalities

ZHIVKO S. ATHANASSOV

*Institute of Mathematics
Bulgarian Academy of Sciences*
Ordinary differential equations

JOSEPH A. BALL

*Virginia Polytech Institute**
Operator and control theory

JESUS BASTERO

*Universidad de Zaragoza**
Asymptotic geometric analysis
Geometry of Banach spaces
Function spaces

TOMÁS DOMÍNGUEZ BENAVIDES

*Facultad de Matematicas
Universidad de Sevilla*
Nonlinear functional analysis

BRUCE C. BERNDT

*University of Illinois**
Analytic number theory
Classical analysis
Special functions

BENEDETTO BONGIORNO

*Dipartimento di Matematica ed Appl.
University of Palermo*
Real analysis

PHILIP BROADBRIDGE

*Department of Mathematical Sciences
University of Delaware*
Applied partial differential equations

PETER G. CASAZZA

*University of Missouri-Columbia**
Hilbert space frames

BERNARDO CASCALES

Universidad de Murcia
Measure and integration
Functional analysis

LARRY CHEN

Oregon State University
Harmonic analysis
Real analysis

CHARLES E. CHIDUME

International Centre for Theoretical Physics
Nonlinear functional analysis

ANDREA CIANCHI

Università degli Studi di Firenze
Function spaces
Partial differential equations

GUSTAVO CORACH

*Instituto Argentino de Matematica**
Functional analysis
Operator theory
Harmonic analysis

Journal of Mathematical Analysis and Applications

ASSOCIATE EDITORS

JOE DIESTEL

*Department of Mathematical Sciences
Kent State University
Functional analysis
Banach space theory
Measure theory*

V.J. ERVIN

*Department of Mathematical Sciences
Clemson University
Numerical analysis*

LAWRENCE FIALKOW

*State University of New York
Functions of a complex variables
Integral transforms, operational calculus
Operator theory*

JERZY A. FILAR

*School of Mathematics
University of South Australia
Optimization
Operations research
Markov decision processes
Game theory
Singular perturbations
Application*

YIBIN FU

Keele University
Existence
Bifurcation
Stability
Waves in linear and nonlinear elasticity*

HERVE GAUSSIER

*Centre de Mathématiques et Informatique
Complex variables
Partial differential equations*

FRITZ GESZTESY

University of Missouri-Columbia
Spectral theory
Completely integrable systems*

JOSEPH GLAZ

*Department of Statistics
University of Connecticut
Applied probability
Geometrical probability
Sequential analysis
Simultaneous inference*

JEROME A. GOLDSTEIN

*Department of Mathematical Sciences
University of Memphis
Partial differential equations
Quantum theory
Semigroups of operators*

KONDALSAMY GOPALSAMY

*School of Informatics and Engineering
Flinders University
Population dynamics
Neural networks
Delay differential equations*

RUTH GORNET

University of Texas at Arlington
Spectral geometry*

SAID R. GRACE

Cairo University
Functional equations
Difference equations
Oscillation theory*

LOUKAS GRAFAKOS

University of Missouri
Fourier analysis*

MAX D. GUNZBURGER

*Florida State University
Numerical analysis
Fluid mechanics*

LEI GUO

*Chinese Academy of Science
Academy of Mathematics and Systems Science
Systems theory, control*

CRISTIAN GUTIERREZ

Temple University
Partial differential equations
Harmonic analysis*

SEPPO HEIKKILÄ

University of Oulu
Differential equations and dynamical systems
Equations in ordered spaces*

YU HUANG

Zhongshan University
Dynamical systems
Chaos
Control theory*

MIMMO IANNELLI

Università degli Studi di Trento
Abstract evolution equations
Volterra integral equations
Mathematical population dynamics*

ALEXANDER V. ISAEV

*Centre for Mathematics and Its Applications
The Australian National University
Complex analysis and geometry*

KRZYSZTOF JAROSZ

Southern Illinois University, Edwardsville
Functional analysis
Spaces of analytic functions of a single variable*

STEN KAIJSER

Uppsala University
Functional analysis
Real analysis
Complex analysis*

DMITRY KHAVINSON

University of South Florida
Classical analysis*

**Department of Mathematics*

Journal of Mathematical Analysis and Applications

ASSOCIATE EDITORS

KANG-TAE KIM

*Pohang University of Science and Technology**

Complex analysis

Several complex variables

GEN KOMATSU

Osaka University

Several complex variables

Partial differential equations

PEKKA KOSKELA

Department of Mathematics and Statistics

University of Jyväskylä

Quasiconformal mappings

Sobolev spaces

Analysis on metric spaces

MIKLÓS LACZKOVICH

Department of Analysis

Eötvös Loránd University

Real functions

Measure theory

IRENA LASIECKA

Department of Applied Mathematics

University of Virginia

Partial differential equations

Control theory

Optimization

MONIQUE LAURENT

Centrum voor Wiskunde en Informatica

Combinatorics

Optimization

Moment theory and optimization over polynomials

WILLIAM LAYTON

*University of Pittsburgh**

Differential equations

Fluid mechanics

Turbulence

P.G.L. LEACH

*University of Natal**

Ordinary differential equations

Lie and Noether symmetries

Classical mechanics

Cosmology

MICHEL LEDOUX

Université de Toulouse

Institut de Mathématiques

Probability and analysis

TA-TSIEN LI

Fudan University

Partial differential equations and applications

ALESSANDRA LUNARDI

*Università degli Studi di Parma**

Elliptic and parabolic partial differential equations

Abstract evolution equations

KONSTANTIN A. LURIE

Department of Mathematical Sciences

Worcester Polytechnic Institute

Optimal control and design

Multidimensional calculus of variations

RAÚL MANÁSEVICH

Departamento de Ingeniería Matemática

Universidad de Chile

Nonlinear differential equations

Nonlinear analysis

MARTIN MATHIEU

Queen's University Belfast

Functional analysis

Operator theory

JEAN MAWHIN

*Université de Louvain, Louvain-la-Neuve**

Nonlinear differential equations

Nonlinear functional analysis

Critical point theory

P.J. McKENNA

University of Connecticut

Nonlinear boundary value problems

HUGH MONTGOMERY

*University of Michigan**

Analytic number theory

BORIS S. MORDUKHOVICH

*Wayne State University**

Variational analysis and optimization

Generalized differentiation and its applications

Calculus of variations

Optimal control

JEFF MORGAN

University of Houston

Reaction diffusion systems

MITSUHIRO NAKAO

Graduate School of Mathematics

Kyushu University

Partial differential equations

Stability theory

JUAN J. NIETO

Departamento de Análisis Matemático

Universidad de Santiago de Compostela

Nonlinear differential equations

Biomedical applications

JUNJIRO NOGUCHI

Graduate School of Mathematical Sciences

The University of Tokyo

Complex analytic geometry

Holomorphic mappings

MUHAMMAD ASLAM NOOR

*COMSATS Institute of Information Technology**

Variational and quasi-variational inequalities

Complementarity problems

Convex and nonlinear analysis

Finite element analysis

**Department of Mathematics*

Journal of Mathematical Analysis and Applications

ASSOCIATE EDITORS

MARIA CLARA NUCCI

Dipartimento di Matematica e Informatica

Università di Perugia

Fluid mechanics

Mechanics of particles and systems

Symmetrics of differential equations

DONAL O'REGAN

*National University of Ireland, Galway**

Nonlinear analysis

CHIA VEN PAO

*North Carolina State University**

Nonlinear reaction diffusion equations

Finite difference equations

Neutron transport equations

HAROLD R. PARKS

*Oregon State University**

Geometric analysis

Calculus of variations

MIKAEL PASSARE

Matematiska Institutionen

Stockholms Universitet

Complex analysis

Analytic geometry

MAGDA PELIGRAD

*University of Cincinnati**

Probability theory

Inequalities and limit theory for stochastic processes

MARCO M. PELOSO

*Politecnico Di Torino**

Harmonic analysis

Several complex variables

ALLAN C. PETERSON

*University of Nebraska**

Difference equations

Dynamic equations on measure chains

BVPs for ODEs

IGOR PODLUBNY

Department of Applied Informatics and Process Control

Technical University of Kosice

Fractional calculus and its applications

VLADIMIR POZDNYAKOV

Department of Statistics

University of Connecticut

Probability theory

Mathematical statistics

MIHAI PUTINAR

*University of California at Santa Barbara**

Operator theory

Moment problems

Complex analysis

VICENTIU RADULESCU

*University of Craiova**

Nonlinear elliptic partial differential equations

Critical point theory

Nonlinear analysis

Variational and hemivariational inequalities

IGOR ROUZINE

Tufts University

Mathematical biology

COLIN ROGERS

School of Mathematics

University of New South Wales

Nonlinear partial differential equations and their applications

Backlund transformations

STEPHAN RUSCHEWEYH

Mathematisches Institut

Universität Würzburg

Complex analysis

Complex approximation

Geometric function theory

DAVID RUSSELL

*Virginia Polytechnic Institute and State University**

Applied theory of partial differential equations

Control theory of ordinary and

partial differential equations

Elasticity theory

PAUL SACKS

*Iowa State University**

Inverse problems

Nonlinear parabolic partial differential equations

JOEL H. SHAPIRO

Department of Mathematics and Statistics

Portland State University

Complex analysis

Operator theory

R.E. SHOWALTER

*Oregon State University**

Nonlinear evolution equations

Partial differential operators of diffusion

Convection

Deformation

CARLES SIMÓ

Departament de Matemàtica Aplicada i Anàlisi

Universitat de Barcelona

Celestial mechanics

Hamiltonian systems

Dynamical systems

BRAILEY SIMS

School of Mathematical and Physical Sciences

The University of Newcastle

Metric fixed point theory and

associated Banach space geometry

PENNY SMITH

*Lehigh University**

Nonlinear PDE

Calculus of variations

Geometry

**Department of Mathematics*

Journal of Mathematical Analysis and Applications

ASSOCIATE EDITORS

H.M. SRIVASTAVA

*Department of Mathematics and Statistics
University of Victoria*

Real and complex analysis

Fractional calculus and its applications

Integral equations and transforms

Higher transcendental functions and their applications

q -series and q -polynomials

Analytic number theory

BERIT STENSONES

*University of Michigan**

Several complex variables

EMIL J. STRAUBE

*Texas A&M University**

Several complex variables

BRIAN STRAUGHAN

Department of Mathematical Sciences

University of Durham

Partial differential equations

Hydrodynamic stability

Flows in porous media

BRIAN S. THOMSON

*Simon Fraser University**

Real variables

RICHARD TIMONEY

*Trinity College Dublin**

Several complex variables and analytic spaces

Functional analysis

RODOLFO H. TORRES

*University of Kansas**

Harmonic analysis and its applications

ROBERTO TRIGGIANI

*University of Virginia**

Partial differential equations

Control theory

Semigroup theory

Functional equations

NEIL S. TRUDINGER

Centre for Mathematics and Its Applications

Australian National University

Partial differential equations

DANIEL WATERMAN

*Florida Atlantic University**

Real analysis

Fourier series & orthogonal series

C. EUGENE WAYNE

*Boston University**

Dynamical systems

Partial differential equations

G.F. WEBB

*Vanderbilt University**

Functional differential equations

Population dynamics

Biomathematics

WOLFGANG L. WENDLAND

*Universität Stuttgart**

Integral equations

Partial differential equations

Numerical analysis

T. WITELSKI

*Duke University**

Partial differential equations

Fluid mechanics

JAMES S.W. WONG

*University of Hong Kong**

Ordinary differential equations

Oscillation theory

J.D. MAITLAND WRIGHT

University of Aberdeen

Measure theory

Operator algebras

JIE XIAO

Memorial University of Newfoundland

Partial differential equations

Harmonic and complex analysis

**Department of Mathematics*